Last revision date 1-	Jun-18
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		1-Jun-18																																		
				Н	_	_	_	_	_	_	-	- 5	amp	ile Dep	th	-						Location					Arc	hive				Reas	on for Mu Hard	Itiple Att	empts	
Sample ID Sample	Sample Type	Date Sample Collected	River Mile			S	ubsta	ation	Reo	overy	Dept	th by	Attempt (cm)					Avg	Avg Sample Depth	Composite Sediment	Primary <25' Radius	Primary <50 Radius	Alt 1	Alt 2	# of Attempts	Bin Type (1-4)	<20cm	<10cm	Anomaly Request #	General Comments from Field Logs			Bottom /Low	Over-Pe		
				-		, 1	3	4 I	5	l 6	1 7 1	l a	9	10	11 I	12 I	13 De	pth (cm)	(retained) (cm)	Description	Sam	ole Collected	(Y/N)	Щ		(1-4)		"			Debris / Logs	Rocks / Riprap		netratio n	Slope	Un
		4/26/2018		13		$\overline{}$	Ì	Ť		Ť	Ė	Ť	Ť		-			14	No Sample		N				2	3				2 attempts within 25' radius with low recovery. Black dense sand. Revisit.			x			Т
B315	SRS	5/22/2018	9-10	25	2	0	26 :	21										23	24	Silt	Y				4	2				4 attempts. Open jaws due to garbage debris, some loss of fines and no OL water attempt 3.	х		X			H
B319	SRS	4/27/2018	9-10	NF	1	6												16	No Sample		N				2	3		-	-	2 attempts within 25', rock in open jaw on attempt 1 and low recovery (16 cm) on attempt 2. Full weight on sampler for both attempts. Second attempt had silty sand to med dense sand and						
		5/23/2018	ł	20	1 2	0	18	21								_	+	20	20	Silty Sand	Y				4	3				gravels 4 attempts.		X				\vdash
B320	SRS	4/27/2018	9-10	17	+													17	No Sample		N				1	3		-		1 attempt, low recovery (17 cm) discarded and moved location until protocol is discussed with EPA. Sand with gravels						
		5/23/2018		NF	R N	IR I	NR :	20	NR	14	NR							17	17	Silty sand		Y			7	2	Υ		9	7 attempts. Anomaly form submitted to composite 2 subsamples.	х	х				╙
B380	SRS	4/29/2018	10-12	NF	1														No Sample		N				1	NA				1 attempt, rock in jaws. location abandoned due to safety concerns (between floating structure and rocky shoreline/dock)		х				
		5/13/2018		NF	1		NR I	NR	15	NR	23	NR	27	NR	NR	23		22	24	Sandy Silt		Υ			12	2				12 attempts. Jaws open due to debris (brick, stick) attempts 1-3, 6, 9 and 11. 3 attempts, attempt 1 grab washed out, jaws open 1" attempt 2,	х	х				L
B389	SRS	4/29/2018	11-12	NF		IR	5	4								_		5	No Sample		N				3	2				mostly wood debris and large twigs in attempt 3.	х					┖
		5/20/2018		NE	R N		12	NR	-		15	12	NR	NR	NR	NR	+	15	17	Sandy Silt		Y			12	2	Υ		2	12 attempts. Debris in jaws attempts 1,2,4,8,10-12. 6 attempts, round pebble in open jaws fines and water drained in attempt 1, rocks in open jaws with drained fines in attempt 4,	Х					H
B391	SRS	4/27/2018	11-12	6	2	0	21	5	NR	NR								13	No Sample	-	N	N			6	2		-		boulder in open jaws attempt 5 and empty with only water in						
		5/20/2018	<u> </u>	NE	N S	IR I	VR.	14	13	NR	NR	NR	NR	ь				14	14	Silty Sand	Y				9	2	Υ		3	attempt 6. 9 attempts: Open jaws all attempts but 4 and 5.		X				\vdash
B398	SRS	4/28/2018	11-12	18	N	IR I	NR :	27	NR	23	9	18	NR	NR				19	No Sample	-	N	N			10	2				10 attempts, No recovery due to debris or cobbles in jaws attempt 2 5, 9 and 10. Low recovery due to debris attempt 1 and 8.	Ţ	Ţ				
8398	362	5/22/2018	11-12	25	1	5	18	8	NR	19	NR	15	10					16	15	Silt		Υ			9	2				9 attempts. Open jaws due to debris (wood, boulder) and fines washed out attempts 1-5 and 7.	х	X				T
		4/27/2018		4	1	6	2	5	4						٦	7		6		-	N	N			5	2		-	-	5 attempts, log in jaws attempt 1, held sample from attempt 2 and adjusted sampler, drained out attempt 3, fines drained from open jaws attempt 4 and 5. Go to Alt 1 location	v					
B399	SRS		11-12	NE	e N	IR	5	7						T				5	No Sample				N		3	3		-		3 attempts. Primary location attempted last week with poor recovery. Jaws closed with no sediment on attempts 1 and 2. Rocks	^					T
3377	4/30/2018		⊦	+	+	+	+	_		Н	H			\dashv	-	_				-			Н						in jaws attempt 3. Need to go to Alt 2. 5 attempts. Gravel in jaws and potential late close on attempt 1,		Х				⊢	
				NF	2			NR	4									9		Gravelly silty				N	5	2/3				wood in jaws and sample washed out attempts 3-5	х	х				⊢
		5/24/2018		9	1	5	NR I	NR	13	13							-	13	14	sand		Y			6	3				6 attempts.	Х	Х				⊢
B404	SRS	4/28/2018	11-12	NF	R N	IR	23 1	NR	12	NR								18	No Sample	-	N	N			6	2		-		6 attempts, open jaws no recovery due to rocks in attempt 1, sticks and cobbles in attempt 2, glass jug in attempt 4, and debris in attempt 6. Low recovery in attempt 5 due to gravel in open jaws.	x	x	,	×		
	SRS	5/23/2018	1	NF		IR I			NR NR	NR						=		NA 9	No Sample	 Silt	N	N			6	2		 Y		6 attempts with no recovery; Moved to Alt 1.	X	X				⊏
		4/26/2018		3	N	R	VR II	NK	NK	NR	9	Г	_	П				3	No Sample	SiII	N N				1					Anomaly form submitted to composite 2 subsamples. 100 lbs on sampler with low recovery, will return to location once low recovery protocol established. Not enough info to establish	X	X				Н
B417	SRS	5/22/2018	11-12	21		D	20	22								_		21	21	Sand	Y		\vdash		4	2				Bin#. 4 attempts, Jaws open due to stick attempt 3.		Х				⊢
		4/26/2018		5	1	3	3											4	No Sample		N	N			3	3/4				3 attempts, attempt 1 gravel in jaws, attempt 2 jaws open w/ rock and brick, attempt 3 cobbles, gravel, brick.		х				
B419	SRS	5/23/2018	11-12	NF	R N	IR I	NR.											NA	No Sample	Gravelly Sand	N N				3	3/4				Probed. Previous attempts (3) on 4/26. Today completes the 6 attempts in the area. Moved to Alt 1.	х	x				
					N	-	_	NR		NR	NR							11	11	Gravelly Sand			Υ		7	2	γ		11	2 grab sample. Anomaly form submitted.	Х	Х				⊏
5011	SMA	5/10/2018	2-3	NF	2 N	IR I	NR I	NR	NR	NR								NA	No Sample		N	N			6	4				6 attempts. No recovery and debris (wood, concrete, rocks) in open jaws all attempts.	Х	Х				⊢
3011	SIVIA	5/29/2018	2-3	NF	R N	IR I	NR I	NR	NR	20	NR							20	20	Silty Sand		Υ			7	2	Υ		15	7 attempts. Open jaws due to debris (cobbles, rocks, gravel, fishing line) attempts 1-5 and 7. Went back to station for probing and found some sediment. Decided to try and collect sample.	×	×				
		5/7/2018		NF	2 1	3	20 1	NR	NR	NR	NR	NR	NR	7		П		12	No Sample	-	N	N			10	2		-		10 attempts. Debris (logs, plastic, trash) in jaws attempts 1-4 and 5-6.	х					
S079	SMA	5/29/2018	5-6	NF	+	IR I	-	NR	NR	NR	NR	18	24	13				18	18	Sandy silt	Y				10	2				10 attempts. NR attempts 5 and 7. Open jaws due to debris (wood, chain, metal, plastic, paper) attempts 1-4 and 6.	х					
		5/8/2018]	NF	N	IR I	NR I	NR	NR	NR								NA	No Sample		N	N			6	4				Sampler fell over every attempt, All logs/large objects; very hard conditions.	х	х				
S085	SMA	5/29/2018	5-6	NE	e N	IR I	NR -	<4	17	20	15							14	17	Sandy Silt		Υ			7	2				7 attempts. NR attempt 1. Open jaws due to debris (rock, glass, wood, clam, metal) attempt 2. Rock recovered attempt 3. Went back to location for probing and found sediment. Sampled and						
		5/8/2018		NE	N S	IR I	VR I	NR	15	3	NR							9	No Sample		N	N	-		7	2				reclassfied. 7 attempts. No recovery or debris in laws every attempt.	X	Х	-	-	<u> </u>	\vdash
S092	SMA	5/29/2018	5-6	NE	N	IR I	VR.	13	NR	13	14							13	13	Sandy Silt		Y			7	2				7 attempts. Open jaws due to debris (rock, bottle, wood).	X	Х				⇇
S111	SMA	5/5/2018	6-7	NF	- 1	- 1	NR I			NR								NR	No Sample	NA	N	N			6	3/4				6 attempts. Wood in jaws. 3 attempts w/in 25' radius, 3 attempts w/in 50' radius.	х					
		5/30/2018		NE	N S	IR	16	NR	19	16	F	F		F	H	-		17	18	Silty Sand	Υ				6	2				6 attempts. Open jaws (wood) attempts 1,2, and 4.	Х	-		_	\vdash	F
S132	SMA	5/3/2018	6-7	20	N	IR	18	18	20	NR								19	No Sample		N	N			6	2				6 attempts. Winnowing and sediment loss, attempts 1,4 and 5. Debris (gravels, sticks and wood) in jaws attempts 2,3,4 and 6.	x	x				
		5/20/2018		20	N	IR	16	20	20									19	19	Silty Sand	Υ		-		5	3				5 attempts Partially open jaws due to gravel and cobbles attempts 1 and 2.		х	х			L
		5/4/2018		4	N	IR	4	15	9	6	13							9	No Sample	-	N	N			7	2				7 attempts. Debris (rocks, cobbles, sticks) and low recoveries all attempts and sticks/rock in Jaws. Attempts 1-3 w/in 25' radius. Attempts 4-7 w/in 50' radius.	v	v				
S149	SMA	5/22/2018	7-7.5	NE	1	2	12	10	14									12	13	Sand	Υ				5	2		-		5 attempts. Jaws open due to roots or other attempts 1, 3 and 4. 6th	Û	Î				
S214	SMA	5/2/2018	8-9				7	8			NR							8	No Sample		N	N	-		7	3				attempt not completed as prior 7 attempts had recoveries < 9 cm. 7 attempts. cable in jaws. gravels and sand, low recovery	X	Х	Х			\vdash
34.17	3000	5/30/2018		NF 26	N	IR	11	15	6	6		F		F		-	+	10	11	Silt	Y N				6	2				REDO: 6 attempts. Open jaws (rock, clam) attempts 1 and 2. Noted slight sheen in grab on sediment and overlying water.	-	Х				H
S222	SMA	5/1/2018	8-9	26		u	25	4								_	_	26	No Sample 26	Silty Sand	N				3	1				Revisiting location. 3 attempts.	<u> </u>	-	_	-	_	\vdash
	Depth (retained) (o										_					_																				

Surface Sediment Grab Sampled Field Collection DataSheet - Not Yet Revisited Last revision date 1-Jun-18

											Sar	mple [lepth						Location				l .	Arc	chive				Reas	on for Mul	tiple Atte	mpts	
Sample ID	Sample Type	Date Sample Collected	River								h by At				Avg Recovery Depth (cn	Avg Sample Depth (retained) (cm)	Composite Sediment Description		Primary <50 Radius	_	Alt 2	# of Attempts	Bin Type (1-4)	<20cm	<10cr	Anomal Request				Hard Bottom / Low Penetrat		Slope	Unk
			Mile	1	2	3	4	5				9 1	11	12	13			Sam	ole Collected	(Y/N)	_	_	_	-	-	+	Limited access and safety issues (floating debris clogging and causing	Logs	Riprap	ion	n	$\overline{}$	_
B155 SI	SRS	4/17/2018	5-6		No Access											No Sample		-				0					motor overheating)	1 x					
B133	B100 SKS 4/11/20	4/11/2016	5.6	NR	2	NR	2	8	4		П	T	Т	П	4	NO Sample		-		N		6	4				6 attempts within 50' radius; wood debris, trash, metal debris in jaws] ^					
				5	NR	NR	10	NR	NR.			Т		П	8			N	N			6	4				6 attempts at primary. Only 50' radius accessible. cobbles, sticks, washouts, steel cable, <10 cm recovery in 2 grabs	х	х				
B161	SRS	4/17/2018	5-6	NR	NR	NR	NR	NR	NR					П		No Sample		-		N		6	4				6 attempts at Alt 1 - 3 within 25' and 3 within 50' radius. No recovery. Woody debris, large sticks, cobbles	х	х				
									No	Acces	s										N	0					Alt 2 not accessible - advanced american barge on location.						
				NR	16	NR	NR	NR	NR						16			N	N			6	2				6 attempts. First 3 w/in Target/25' radius, last 3 w/in 50' radius. Cobbles in jaws/empty grabs.		х				
B191	SRS	4/18/2018	6-7	NR	NR	NR	12	10	8						10	No Sample		-		N		6	2		-		6 attempts. Attempts empty first two grabs. Attempts 1-3 w/in Target/25' radius. Attempts 3, 4, and 5 - low recovery cobbles. Attempts 4 and 5 w/in 50' radius.		х				
				21	NR	NR	NR	NR	NR	NR				П	21			-			N	7	4				Attempt 1 - Sandy Silt w/in Alt 1 target/25" radius. Attempts 2-4 poor recoveries, attempts 5-7 rocks and cobble.						
S263	SMA	4/29/2018	11	NR	NR	NR										No Sample		N	N			3	4		-		3 attempts (two in 25' radius, one in 50' radius), tree trunk blockin target location. No recovery attempts 1 and 2, observed line slackir during deployment likely sampler tipped over due to 45' slope. Moved to 50' but slope still steep, abandoned location.					x	
S224	SMA	5/2/2018	8-9		=		_	L	imited	isafet	y withir	100"	radius			No sample		N	N		**	0					Revisit						
S199	SMA	5/3/2018	8-9	4	NR	4	5	3	NR						4	No Sample		N	N			6	4				6 attempts. Debris in jaws (wood and hose) noted in attempts 1-4 and 6. Low recovery attempt 5; silt/sand. Location is adjacent to floating barge, may require moving sample location.	х					
S114	SMA	5/12/2018	6-7	NR				_	NR					\Box		No Sample		N	N			6	2				6 attempts. Debris (rip rap, brick, clams, rocks and wood) in open jaws all attempts.	Х	Х				
B423	SRS	5/24/2018	11-12	NR	NR	NR	NR	NR	NR.							No Sample		N	N			6	3			19	No fines recovered. Request moving to Alt 1	Х	X				
B425	SRS	5/24/2018	11-12	NR	NR	NR	NR	NR	NR	ΙП	ΙT		1	ΙТ		No Sample		N	N			6	3			20	6 attempts. Probed after 3 attempts. Request moving to Alt 1		X				

Notes:
1. No. 14th Recovery
1.